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WHAT IS CLAIMED IS:

1	 A fiber optic receiver, comprising:
2	a substrate;
3	a receiver optical sub-assembly (ROSA) mounted on the substrate and
4	comprising a fiber optic connector for coupling to a mating connector of a fiber optic
5	cable;
6	an opto-electronic transducer incorporated within the ROSA and configured to
7	generate an electrical data signal in response to a received optical data signal;
8	a preamplifier circuit incorporated within the ROSA, coupled to the opto-

- electronic transducer, and operable to linearly amplify an electrical data signal generated by the opto-electronic transducer; and an adjustable bandwidth post-amplifier circuit mounted on the substrate and
- an adjustable bandwidth post-amplifier circuit mounted on the substrate and coupled to an output of the preamplifier circuit.
- The fiber optic receiver of claim 1, wherein the post-amplifier circuit comprises a switch for setting a bandwidth response of the post-amplifier circuit in response to a received data rate control signal.
- The fiber optic receiver from claim 2, wherein the post-amplifier circuit further comprises a low-pass filter coupled to the switch.
- 1 4. The fiber optic receiver of claim 3, wherein the low-pass filter comprises 2 a capacitor.
- The fiber optic receiver of claim 1, wherein the post-amplifier circuit comprises a voltage-variable capacitor.
- 1 6. The fiber optic receiver of claim 1, wherein the post-amplifier circuit 2 comprises a wide bandwidth signal path and a narrow bandwidth signal path.
 - 7. The fiber optic receiver of claim 6, wherein the post-amplifier circuit further comprises a multiplexer configured to selectively present for output electrical data signals transmitted over one of the wide bandwidth signal path and the narrow bandwidth signal path in response to a received data rate control signal.

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- 1 8. The fiber optic receiver of claim 6, wherein the wide bandwidth signal
 2 path comprises an amplifier with a relatively wide bandwidth response and the narrow
 3 bandwidth signal path comprises an amplifier with a relatively narrow bandwidth
 4 response.
- 1 9. The fiber optic receiver of claim 1, wherein the post-amplifier comprises 2 an input gain buffer coupled to the output of the preamplifier circuit.
- 1 10. The fiber optic receiver of claim 1, wherein the pre-amplifier circuit is 2 configured to linearly amplify an electrical data signal generated by the opto-electronic 3 transducer over a specified range of optical data signal power.
- 1 11. The fiber optic receiver of claim 1, wherein the ROSA comprises a
 2 header module mounted on the substrate and configured to house the opto-electronic
 3 transducer and the preamplifier.
 - The fiber optic receiver of claim 1, wherein the opto-electronic transducer comprises a photodiode.